

PAT-NO: JP361093242A

DOCUMENT-IDENTIFIER: JP 61093242 A

TITLE: FUEL CONTROLLER FOR ENGINE WITH
SUPERCHARGER

PUBN-DATE: May 12, 1986

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APPL-NO: JP59214964

APPL-DATE: October 12, 1984

INT-CL (IPC): F02D023/02, F01N003/22 , F02D003/00 ,
F02D041/02 , F02D041/34
, F02D043/00

ABSTRACT:

PURPOSE: To control a fuel injection quantity so favorable enough, by installing a secondary air flow calculating device which calculates an air flow rate in a secondary air passage on the basis of each output of a secondary air pressure detecting device and a secondary air temperature detecting device.

CONSTITUTION: An air flow sensor 8 detecting the whole suction air quantity is installed in a suction passage 5. An air pressure detecting device 26, detecting a pressure state of air in a secondary air passage 14, and an air temperature detecting device 27, detecting air temperature, both are installed there. On the basis of each output of both these detecting devices 26 and 27, a secondary air flow calculating device 31 calculates an air flow rate in the secondary air passage 14, and a fuel injection quantity is controlled according to the output made up of subtracting output of the secondary air

flow calculating device 31 from that of the air flow sensor 8. Thus, a fuel injection quantity is controllable so favorable enough.

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